

INTERNATIONAL SEARCH REPORT

Internat	Application No
PCT/IB2005/050115	

A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7	G11B27/10	G11B27/32
G10L19/00		

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B G10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 10, 17 November 2000 (2000-11-17) & JP 2000 206992 A (OLYMPUS OPTICAL CO LTD), 28 July 2000 (2000-07-28) abstract	1-12
A	US 6 330 334 B1 (RYAN JOHN O) 11 December 2001 (2001-12-11) abstract column 4, line 2 - line 34 column 5, line 34 - line 36	1-12
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 05, 12 May 2003 (2003-05-12) & JP 2003 022094 A (TOSHIBA CORP), 24 January 2003 (2003-01-24) abstract	1-12

<input type="checkbox"/> Further documents are listed in the continuation of box C.

<input checked="" type="checkbox"/> Patent family members are listed in annex.

• Special categories of cited documents :

- A• document defining the general state of the art which is not considered to be of particular relevance
- E• earlier document but published on or after the International filing date
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Date of the actual completion of the international search

21 April 2005

Date of mailing of the International search report

02/05/2005

Name and mailing address of the ISA

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Authorized officer

Valencia, E

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Information on patent family members

Inten	Application No
	PCT/IB2005/050115

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP 2000206992	A	28-07-2000	NONE		
US 6330334	B1	11-12-2001	US 5751806 A US 5590195 A US 5406626 A AT 211336 T AU 1727795 A BR 9505689 A CA 2158020 A1 CN 1308425 A CN 1308426 A CN 1123076 A ,C DE 69524674 D1 DE 69524674 T2 EP 1126643 A2 EP 0688480 A1 HU 73990 A2 JP 3088754 B2 JP 9501293 T JP 2000349666 A PL 310618 A1 WO 9519668 A1 AT 188824 T AU 674944 B2 AU 6396994 A BR 9401142 A CA 2158022 A1 CN 1123075 A ,C DE 69422613 D1 DE 69422613 T2 EP 0689742 A1 JP 3078325 B2 JP 8508618 T NZ 263332 A PL 310624 A1 WO 9422243 A1		12-05-1998 31-12-1996 11-04-1995 15-01-2002 01-08-1995 02-04-1996 20-07-1995 15-08-2001 15-08-2001 22-05-1996 31-01-2002 13-06-2002 22-08-2001 27-12-1995 28-10-1996 18-09-2000 04-02-1997 15-12-2000 27-12-1995 20-07-1995 15-01-2000 16-01-1997 11-10-1994 18-10-1994 29-09-1994 22-05-1996 17-02-2000 29-06-2000 03-01-1996 21-08-2000 10-09-1996 27-08-1996 27-12-1995 29-09-1994
JP 2003022094	A	24-01-2003	NONE		